

## EAST Search History

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------|------------------|---------|------------------|
| S1    | 45   | (invert\$2 same list) and (skip\$4 same entr\$3)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/05 17:44 |
| S2    | 36   | (invert\$2 same list) and (skip\$4 same entr\$3) and (post\$3 or diar\$3 or register)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/12/16 12:24 |
| S3    | 11   | (invert\$2 same list) and (skip\$4 same entr\$3) and (post\$3 or diar\$3 or register) and "707".CLAS.                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/12/16 12:27 |
| S4    | 8    | (invert\$3 same index) and (invert\$3 same list) and (skip\$4 same entr\$3) and (post\$3 or diar\$3 or register) and "707".CLAS.          | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/12/16 13:46 |
| S5    | 3    | S3 not S4   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/12/16 13:52 |
| S6    | 1    | S2 and ("256" with "512")   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/12/16 13:57 |
| S7    | 1    | S1 and ("256" with "512")   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/12/16 13:58 |
| S8    | 0    | S1 and ("256" with "512") and ("128" with "256")  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/12/16 13:58 |
| S9    | 7    | ((memory same size) or (space same storage)) and (skip with entry) and ((majority or most) same (index same term))                        | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/12/19 10:46 |
| S10   | 0    | ((memory same size) or (space same storage)) and (skip with entry) and ((majority or most) same (index same term)) and ("256" same "512") | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/12/19 10:38 |
| S11   | 1    | ((memory same size) or (space same storage)) and (skip with entry) and ((majority or most) same (index same term)) and ("128" same "512") | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/12/19 10:38 |
| S12   | 8    | ((memory same size) or (space same storage)) and (skip with entry) and ((majority or most) with term)                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/12/19 11:00 |
| S13   | 8    | ((memory same size) or (space same storage)) and (skip with entry) and ((majority or most) with term) and index                           | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/12/19 11:30 |

## EAST Search History

|     |   |   |                              |    |     |                  |
|-----|---|---|------------------------------|----|-----|------------------|
| S14 | 2 | ((memory same size) or (space same storage)) and (skip with entry) and (((majority or most) with term) same document) and index | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/19 11:03 |
| S15 | 0 | ((memory same size) or (space same storage)) and (skip with entry) and ((majority or most) with term with document) and index   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/19 11:03 |
| S16 | 0 | ((memory same size) or (space same storage)) and (skip with entry) and ((majority or most) with term with document)             | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/19 11:03 |
| S17 | 1 | (skip with entry) and ((majority or most) with term with document)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/19 11:04 |
| S18 | 3 | ((memory same size) or (space same storage)) and (skip with entry) and ((majority or most) with term) and interval and range    | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/19 11:31 |
| S19 | 1 | ("20040243560").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/19 13:27 |
| S20 | 1 | S19 and skip\$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/19 13:30 |
| S21 | 1 | S19 and skip\$4 and posting   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/19 14:32 |
| S22 | 1 | S19 and (skip\$4 same entr\$3) and posting  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/19 14:33 |
| S23 | 1 | ("20040243560").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/20 10:44 |
| S24 | 0 | ("1and(skip\$3withentr\$3)").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/20 10:44 |
| S25 | 1 | S23 and (skip\$3 with entr\$3)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/20 11:57 |
| S26 | 0 | S23 and compress\$3   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/20 11:59 |
| S27 | 1 | S23 and zip\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/20 12:01 |

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|     |   |  |   |    |     |                  |
|-----|---|--|---|----|-----|------------------|
| S28 | 0 | S23 and ((zip\$4 or reduc\$4 or archiv\$3) same invert\$3) | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/12/20 13:29 |
| S29 | 1 | S23 and (zip\$4 or reduc\$4 or archiv\$3)                  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/12/20 13:29 |
| S30 | 1 | ("20040243560").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/05/18 10:16 |
| S31 | 0 | S30 and major\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/05/18 10:17 |
| S32 | 0 | S30 and major\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/05/18 10:17 |
| S33 | 0 | S30 and major\$  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/05/18 10:17 |
| S34 | 1 | ("20040243560").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/05/18 14:28 |
| S35 | 0 | S34 and bounday\$  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/05/18 14:29 |
| S36 | 1 | S34 and boundar\$  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/05/18 15:13 |
| S37 | 0 | S34 and "inverted list"                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/05/18 15:13 |

## EAST Search History

|     |        |   |   |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| S38 | 1      | S34 and (invert\$ with list)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/05/18 15:14 |
| S39 | 0      | ("20040243560A1").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/06/05 17:46 |
| S40 | 0      | ("20040243560A1").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/06/05 17:47 |
| S41 | 1      | ("20040243560").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/06/05 17:47 |
| S42 | 0      | S41 and (bit\$1 or byte\$1 or bitmap\$)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/06/05 17:48 |
| S43 | 1      | S41 and (integer\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/06/05 17:48 |
| S44 | 1      | S41 and integer\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/06/05 17:55 |
| S45 | 98408  | ((binar\$3 or bit\$1 or bitmap\$4 or byte\$1) same ("128" or "256"))          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/06/05 18:10 |
| S46 | 115481 | ((binar\$3 or bit\$1 or bitmap\$4 or byte\$1) same ("128" or "256" or "512")) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/06/05 18:11 |
| S47 | 373    | S45 and (invert\$3 with index\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/06/05 18:12 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S48 | 43  | S47 and posting\$1                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/06/05 18:12 |
| S49 | 34  | S48 and document\$1                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/06/05 18:13 |
| S50 | 34  | S49 and term\$1                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/06/05 18:23 |
| S51 | 3   | S50 and "128" and "256" and "512"           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/06/05 18:23 |
| S52 | 157 | "Golomb code"                               | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2007/05/07 13:53 |
| S53 | 0   | S52 and (inverted with list)                | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2007/05/07 13:53 |
| S54 | 165 | "Golomb code"                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/05/07 13:53 |
| S55 | 24  | S52 and invert\$3                           | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2007/05/07 13:56 |
| S56 | 2   | S55 and (skip\$4 or jump\$3)                | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2007/05/07 14:03 |
| S57 | 41  | S54 and (skip\$4 or jump\$3)                | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2007/05/07 14:03 |
| S58 | 0   | S54 and ((skip\$4 or jump\$3) with entr\$3) | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2007/05/07 14:03 |
| S59 | 1   | (US-5838950-\$).did.                        | USPAT   | OR | OFF | 2007/05/08 14:37 |
| S60 | 1   | S59 and search\$3                           | USPAT   | OR | ON  | 2007/05/08 14:37 |